



126481.01001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re Application of: : Stupp, et al.  
Serial No. : 10/645,304  
Filed: : August 21, 2003  
Attorney Docket : 126481.01001  
Group Art Unit: : 1654  
Confirmation No. : 8011  
Examiner: Garcia

For: CHARGED PEPTIDE-AMPHIPHILE SOLUTIONS AND SELF-ASSEMBLED  
PEPTIDE NANOFIBER NETWORKS FORMED THEREFROM

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

**DECLARATION OF SAMUEL I. STUPP UNDER 37 C.F.R. §1.132**

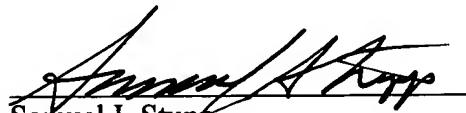
I, Samuel I. Stupp, declare as follows:

1. I am a member of the faculty of Northwestern University, 1800 Sherman Avenue, Suite 504, Evanston, IL 60201, which University is the Assignee of the above identified patent application. I am a co-inventor of the invention of Patent Application No. 10/645,304.
2. I am also co-author, with Jeffrey D. Hartgerink and Elia Beniash of the publication "Self Assembly and Mineralization of Peptide-Amphiphile Nanofibers", *Science*, November 23, 2001; Vol. 294, 1684-1688; a copy of which is attached hereto.
3. At the time of the publication of the above-mentioned journal article, Jeffrey D. Hartgerink and Elia Beniash were employed as postdoctoral fellows and were graduate students at Northwestern University. Jeffrey D. Hartgerink and Elia Beniash each provided technical support with the research that is the subject of the journal article. This technical support provided by Jeffrey D. Hartgerink and Elia Beniash consisted of the execution of experimental protocols at my direction and under my supervision.

4. Neither Jeffrey D. Hartgerink nor Elia Beniash made an inventive contribution to the invention claimed in U.S. Patent Application No. 10/645,304.

5. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under §1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 3/16/06

  
Samuel I. Stupp